Table 1. Students Underprepared in Math: First Developmental or College-Level Math Course Taken, by Retention Status, 2004

		Underprepared in math	%
	First developmental or college math courses taken:		
Retained at native institution	Took developmental course	169	93.9%
	Took at college level, placed out of dev. with inst. exam	1	0.6%
	Took at college level without taking dev. or placing out	6	3.3%
	Did not take subject, did not place out of dev. with inst. exam	4	2.2%
	Total	180	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	170	94.4%
	Did not take dev./suppl. education or place out	10	5.6%
Not retained at native institution	First developmental or college math courses taken:		
	Took developmental course	86	76.8%
	Took at college level without taking dev. or placing out	2	1.8%
	Did not take subject, did not place out of dev. with inst. exam	24	21.4%
	Total	112	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	86	76.8%
	Did not take dev./suppl. education or place out	26	23.2%

Note: Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

Table 1. Students Underprepared in Math: First Developmental or College-Level Math Course Taken, by Retention Status, 2004

		Underprepared in math	%
Total students underprepared in	First developmental or college math courses taken:		
math	Took developmental course	255	87.3%
	Took at college level, placed out of dev. with inst. exam	1	0.3%
	Took at college level without taking dev. or placing out	8	2.7%
	Did not take subject, did not place out of dev. with inst. exam	28	9.6%
	Total	292	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	256	87.7%
	Did not take dev./suppl. education or place out	36	12.3%

Note: Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

Table 2. Students Underprepared in English: First Developmental or College-Level English Course Taken, by Retention Status, 2004

		Underprepared in English	%
	First developmental or college English course taken:		
Retained at native institution	Took developmental course	91	79.1%
	Took at college level, placed out of dev. with inst. exam	5	4.3%
	Took at college level without taking dev. or placing out	10	8.7%
	Did not take subject, did not place out of dev. with inst. exam	9	7.8%
	Total	115	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	96	83.5%
	Did not take dev./suppl. education or place out	19	16.5%
Not retained at native institution	First developmental or college English course taken:		
	Took developmental course	50	69.4%
	Took at college level, placed out of dev. with inst. exam	1	1.4%
	Took at college level without taking dev. or placing out	5	6.9%
	Did not take subject, placed out of dev. with inst. exam	1	1.4%
	Did not take subject, did not place out of dev. with inst. exam	15	20.8%
	Total	72	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	52	72.2%
	Did not take dev./suppl. education or place out	20	27.8%

Note: Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

Table 2. Students Underprepared in English: First Developmental or College-Level English Course Taken, by Retention Status, 2004

		Underprepared in English	%
Total students underprepared in	First developmental or college English course taken:		
English	Took developmental course	141	75.4%
	Took at college level, placed out of dev. with inst. exam	6	3.2%
	Took at college level without taking dev. or placing out		8.0%
	Did not take subject, placed out of dev. with inst. exam	1	0.5%
	Did not take subject, did not place out of dev. with inst. exam	24	12.8%
	Total	187	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	148	79.1%
	Did not take dev./suppl. education or place out	39	20.9%

Note: Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

Table 3. Students Underprepared in Reading: First Developmental Reading or College-Level Social Science Course Taken, by Retention Status, 2004

		Underprepared in reading	%
	First developmental reading or college social science course taken:		
Retained at native institution	Took developmental course	54	58.1%
	Took at college level, placed out of dev. with inst. exam	25	26.9%
	Took at college level without taking dev. or placing out	10	10.8%
	Did not take subject, placed out of dev. with inst. exam	3	3.2%
	Did not take subject, did not place out of dev. with inst. exam	1	1.1%
	Total	93	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	82	88.2%
	Did not take dev./suppl. education or place out	11	11.8%
Not retained at native institution	First developmental reading or college social science course taken:		
	Took developmental course	35	56.5%
	Took at college level, placed out of dev. with inst. exam	10	16.1%
	Took at college level without taking dev. or placing out	1	1.6%
	Did not take subject, placed out of dev. with inst. exam	7	11.3%
	Did not take subject, did not place out of dev. with inst. exam	9	14.5%
	Total	62	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	52	83.9%
	Did not take dev./suppl. education or place out	10	16.1%

Note: The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

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Table 3. Students Underprepared in Reading: First Developmental Reading or College-Level Social Science Course Taken, by Retention Status, 2004

		Underprepared in reading	%
Total students underprepared in reading	First developmental reading or college social science course taken:		
	Took developmental course	89	57.4%
	Took at college level, placed out of dev. with inst. exam	35	22.6%
	Took at college level without taking dev. or placing out	11	7.1%
	Did not take subject, placed out of dev. with inst. exam	10	6.5%
	Did not take subject, did not place out of dev. with inst. exam	10	6.5%
	Total	155	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	134	86.5%
	Did not take dev./suppl. education or place out	21	13.5%

Note: The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total.

Table 7. Grade in First Developmental Math Course: Students Underprepared in Math, 2004

Thursdy State Chirosomy		
	N	%
Grade in first developmental math course		
A	35	12.6%
В	87	31.4%
C	81	29.2%
F/E	49	17.7%
Unofficial withdrawal (0 pts)	3	1.1%
Withdrew	22	7.9%
Total	277	100.0%
Successful completion of first developmental math course		
Did not successfully complete first course	74	26.7%
Successfully completed first course	203	73.3%

Table 8. Grade in First Developmental English Course: Students Underprepared in English, 2004

	N	%
Grade in first developmental English course		
A	9	5.9%
В	60	39.5%
C	44	28.9%
F/E	14	9.2%
Passing on P/F	13	8.6%
Withdrew	12	7.9%
Total	152	100.0%
Successful completion of first developmental English course		
Did not successfully complete first course	26	17.1%
Successfully completed first course	126	82.9%

Table 9. Grades in First Developmental Reading Course: Students Underprepared in Reading, 2004

	N	%
Grade in first developmental reading course		
F/E	9	9.4%
Passing on P/F	80	83.3%
Withdrew	7	7.3%
Total	96	100.0%
Successful completion of first developmental reading course		
Did not successfully complete first course	16	16.7%
Successfully completed first course	80	83.3%

Table 10. Students' Grades in their First College-Level Math Course by Preparation Level and Developmental Education in Math, 2004

	Grade in first college-level math course				Students taking college-level	
	A	В	C	D	F	math
Prepared	34.3%	30.6%	16.9%	8.1%	10.1%	823
Underprepared, took dev. course or placed out	6.1%	24.3%	41.7%	12.2%	15.7%	115
Underprepared, no dev. course or placement out	14.3%	14.3%	14.3%	57.1%		7
All students	30.7%	29.7%	19.9%	9.0%	10.7%	945

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 11. Students with Grades of C or Better in their First College-Level Math Course by Preparation Level and Type of Education in Math, 2004

		Students taking college-level	Grade college math o	e-level
		math	A-C	D-F
Students' preparation level				
Prepared	Total	823	81.8%	18.2%
	Developmental courses or placements in math:			
	Took developmental course	62	74.2%	25.8%
	Took at college level without taking dev. or placing out	761	82.4%	17.6%
Underprepared, took dev. course or	Total	115	72.2%	27.8%
placed out	Developmental courses or placements in math:			
	Took developmental course	114	71.9%	28.1%
	Took at college level, placed out of dev. with inst. exam	1		
Underprepared, no dev. course or	Total	7	42.9%	57.1%
placement out	Developmental courses or placements in math:			
	Took at college level without taking dev. or placing out	7	42.9%	57.1%

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 12. Students' Grades in their First College-Level English Course by Preparation Level and Developmental Education in English, 2004

	Grade in first college-level English course				Students taking college-level	
	A	В	C	D	$\mathbf{F}$	English
Prepared	43.5%	30.8%	13.9%	4.8%	7.0%	876
Underprepared, took dev. course or placed out	29.2%	31.9%	26.5%	4.4%	8.0%	113
Underprepared, no dev. course or placement out	13.3%	46.7%	20.0%	13.3%	6.7%	15
All students	41.4%	31.2%	15.4%	4.9%	7.1%	1,004

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 13. Students with Grades of C or Better in their First College-Level English Course by Preparation Level and Type of Education in English, 2004

		Students taking college-level	Grade college English	e-level
		English	A-C	D-F
Students' preparation level				
Prepared	Total	876	88.2%	11.8%
	Developmental courses or placements in English:			
	Took developmental course	6	66.7%	33.3%
	Took at college level without taking dev. or placing out	870	88.4%	11.6%
Underprepared, took dev. course or	Total	113	87.6%	12.4%
placed out	Developmental courses or placements in English:			
	Took developmental course	108	87.0%	13.0%
	Took at college level, placed out of dev. with inst. exam	5		
Underprepared, no dev. course or	Total	15	80.0%	20.0%
placement out	Developmental courses or placements in English:			
	Took at college level without taking dev. or placing out	15	80.0%	20.0%

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 14. Students' Grades in their First College-Level Social Science Course by Preparation Level and Developmental Education in Reading, 2004

	Grad	Students taking college-level social				
	A	В	С	D	F	science
Prepared	16.5%	32.3%	29.3%	13.7%	8.2%	987
Underprepared, took dev. course or placed out	2.2%	20.0%	37.8%	25.6%	14.4%	90
Underprepared, no dev. course or placement out		27.3%	27.3%	36.4%	9.1%	11
All students	15.2%	31.3%	30.0%	14.9%	8.7%	1,088

Note: Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 15. Students with Grades of C or Better in their First College-Level Social Science Course by Preparation Level and Type of Education in Reading, 2004

		Students taking college-level social	Grade college social s cou	e-level science
		science	A-C	D-F
Students' preparation level				
Prepared	Total	987	78.1%	21.9%
	Developmental courses or placements in reading:			
	Took developmental course	11	45.5%	54.5%
	Took at college level, placed out of dev. with inst. exam	1		
	Took at college level without taking dev. or placing out	975	78.5%	21.5%
Underprepared, took dev. course or	Total	90	60.0%	40.0%
placed out	Developmental courses or placements in reading:			
	Took developmental course	56	53.6%	46.4%
	Took at college level, placed out of dev. with inst. exam	34	70.6%	29.4%
Underprepared, no dev. course or	Total	11	54.5%	45.5%
placement out	Developmental courses or placements in reading:			
	Took at college level without taking dev. or placing out	11	54.5%	45.5%

Note: Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 16. Students' Retention to the Second Year by Math Preparation Level and Type of Math Education, 2004

			Institutional retention		System re	etention
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	1,074	77.5%	22.5%	83.4%	16.6%
	Developmental courses or placements in math:					
	Took developmental course	97	69.1%	30.9%	75.3%	24.7%
	Took at college level without taking dev. or placing out	803	84.2%	15.8%	89.0%	11.0%
	Did not take subject, did not place out of dev. with inst. exam	174	51.1%	48.9%	62.1%	37.9%
Underprepared, took dev.	Total	256	66.4%	33.6%	75.4%	24.6%
course or placed out	Developmental courses or placements in math:					
	Took developmental course	255	66.3%	33.7%	75.3%	24.7%
	Took at college level, placed out of dev. with inst. exam	1				
Underprepared, no dev.	Total	36	27.8%	72.2%	38.9%	61.1%
course or placement out	Developmental courses or placements in math:					
	Took at college level without taking dev. or placing out	8	75.0%	25.0%	87.5%	12.5%
	Did not take subject, did not place out of dev. with inst. exam	28	14.3%	85.7%	25.0%	75.0%

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables.

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Table 17. Students' Retention to the Second Year by English Preparation Level and Type of English Education, 2004

			Institution	al retention	System retention	
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	1,179	76.1%	23.9%	82.6%	17.4%
	Developmental courses or placements in English:					
	Took developmental course	6	83.3%	16.7%	100.0%	
	Took at college level without taking dev. or placing out	1,012	78.6%	21.4%	84.5%	15.5%
	Did not take subject, did not place out of dev. with inst. exam	161	60.2%	39.8%	70.2%	29.8%
Underprepared, took dev.	Total	148	64.9%	35.1%	73.0%	27.0%
course or placed out	Developmental courses or placements in English:					
	Took developmental course	141	64.5%	35.5%	73.0%	27.0%
	Took at college level, placed out of dev. with inst. exam	6	83.3%	16.7%	83.3%	16.7%
	Did not take subject, placed out of dev. with inst. exam	1				
Underprepared, no dev.	Total	39	48.7%	51.3%	53.8%	46.2%
course or placement out	Developmental courses or placements in English:					
	Took at college level without taking dev. or placing out	15	66.7%	33.3%	66.7%	33.3%
	Did not take subject, did not place out of dev. with inst. exam	24	37.5%	62.5%	45.8%	54.2%

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables.

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Table 18. Students' Retention to the Second Year by Reading Preparation Level and Type of Education in Reading, 2004

			Institutional retention		System re	etention
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	1,210	75.9%	24.1%	82.3%	17.7%
	Developmental courses or placements in reading:					
	Took developmental course	12	75.0%	25.0%	75.0%	25.0%
	Took at college level, placed out of dev. with inst. exam	1				
	Took at college level without taking dev. or placing out	1,002	80.9%	19.1%	86.6%	13.4%
	Did not take subject, placed out of dev. with inst. exam	1				
	Did not take subject, did not place out of dev. with inst. exam	194	49.5%	50.5%	60.3%	39.7%
Underprepared, took dev.	Total	134	61.2%	38.8%	70.1%	29.9%
course or placed out	Developmental courses or placements in reading:					
	Took developmental course	89	60.7%	39.3%	69.7%	30.3%
	Took at college level, placed out of dev. with inst. exam	35	71.4%	28.6%	77.1%	22.9%
	Did not take subject, placed out of dev. with inst. exam	10	30.0%	70.0%	50.0%	50.0%

Note: Only coursework taken during the first year is included in this table. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006

Table 18. Students' Retention to the Second Year by Reading Preparation Level and Type of Education in Reading, 2004

			Institutional retention		System retention	
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Underprepared, no dev. course or placement out	Total	21	52.4%	47.6%	57.1%	42.9%
	Developmental courses or placements in reading:					
	Took at college level without taking dev. or placing out	11	90.9%	9.1%	90.9%	9.1%
	Did not take subject, did not place out of dev. with inst. exam	10	10.0%	90.0%	20.0%	80.0%

Note: Only coursework taken during the first year is included in this table. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006

Table 19. Students' Grade Point Average (GPA) at End of First Year by Math Preparation Level and Type of Education in Math, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	1,074	2.65
	Developmental courses or placements in math:		
	Took developmental course	97	2.17
	Took at college level without taking dev. or placing out	803	2.82
	Did not take subject, did not place out of dev. with inst. exam	174	2.13
Underprepared, took dev. course or placed out	Total	256	2.23
	Developmental courses or placements in math:		
	Took developmental course	255	2.23
	Took at college level, placed out of dev. with inst. exam	1	
Underprepared, no dev. course or	Total	36	0.87
placement out	Developmental courses or placements in math:		
	Took at college level without taking dev. or placing out	8	2.11
	Did not take subject, did not place out of dev. with inst. exam	28	0.51

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Missing data may cause totals to differ across tables.

Table 20. Students' Grade Point Average (GPA) at End of First Year by English Preparation Level and Type of Education in English, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	1,179	2.61
	Developmental courses or placements in English:		
	Took developmental course	6	2.13
	Took at college level without taking dev. or placing out	1,012	2.66
	Did not take subject, did not place out of dev. with inst. exam	161	2.32
Underprepared, took dev. course or placed out	Total	148	2.10
	Developmental courses or placements in English:		
	Took developmental course	141	2.11
	Took at college level, placed out of dev. with inst. exam	6	2.12
	Did not take subject, placed out of dev. with inst. exam	1	
Underprepared, no dev. course or	Total	39	1.52
placement out	Developmental courses or placements in English:		
	Took at college level without taking dev. or placing out	15	1.97
	Did not take subject, did not place out of dev. with inst. exam	24	1.24

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Missing data may cause totals to differ across tables.

Table 21. Students' Grade Point Average (GPA) at End of First Year by Reading Preparation Level and Type of Education in Reading, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	1,210	2.57
	Developmental courses or placements in reading:		
	Took developmental course	12	2.04
	Took at college level, placed out of dev. with inst. exam	1	
	Took at college level without taking dev. or placing out	1,002	2.71
	Did not take subject, placed out of dev. with inst. exam	1	
	Did not take subject, did not place out of dev. with inst. exam	194	1.84
Underprepared, took dev. course or	Total	134	2.24
placed out	Developmental courses or placements in reading:		
	Took developmental course	89	2.11
	Took at college level, placed out of dev. with inst. exam	35	2.58
	Did not take subject, placed out of dev. with inst. exam	10	2.19
Underprepared, no dev. course or	Total	21	1.67
placement out	Developmental courses or placements in reading:		
	Took at college level without taking dev. or placing out	11	2.30
	Did not take subject, did not place out of dev. with inst. exam	10	0.98

Note: Only coursework taken during the first year is included in this table. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. Missing data may cause totals to differ across tables.

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